

Hydrogen in Gases Dissolved in water of the West
Siberian Plain, by O.I. Nechayeva.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 4,
1968, pp. 961-962.
AGI

Jan 69

373-372

Conductance Variation During Kyanite-Sillimanite
(Al_2SiO_5) Polymorphism Under High Temperatures
and Pressures, by A. B. Slutskiy.

RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 4,
1968, pp. 963-965.

AGI.

Jan69

373-393

Effect of Certain Metabolic Inhibitors Suppressing
the Working of the Cilia of Ciliated Cells, by
N. I. Aronov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 4 Apr 1968, pp 967-969.

CB

Jan 71

Ultrastructure of Caps on Spores of Anaerobic
Bacteria, by N. A. Krasil'nikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol. 179, No 4, Apr 1968, pp 970-973.
CB

Jan 71

Incorporation of 35 S-Methionine into Proteins of
Subcellular Fractions of Rabbit Tissues Following
Burn Injuries, by T. L. Zayets.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 179,
No 4, Apr 1968, pp 974-975.
CB

Nov 70

Activity of Ribonuclease in Phosphatide-Protein
Coacervates, by A. I. Oparin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 179,
No 4, Apr 1968, pp 976-978.
CB

Nov 70

Adenosinetriphosphatase of Skeletal Muscle

Sarcoplasm, by D. L. Ferdman.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 179,
No 4, Apr 1968, pp 979-981.

CB

Nov 70

Phosphate Absorption by *Penicillium*
Chrysogenum, by I. S. Kulayev
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 179, No 4, Apr 1968, pp 982-985.
CB

Nov 70

Brain Structure in Polychaeta, by N. M. Yerokhina.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 4, Apr 1968, pp 986-989.
CB

Jan 71

Morphology of the Ovary in the Baetrian Camel,
by N. I. Bezrukov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 4, Apr 1968, pp 990-992.
CB

Jan 71

Replacement of Skull Defects in Dogs by Means of
Regenerating Bone or Heterografting of Bone
Chips, by V. I. Kantorova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 4, Apr 1968, pp 993-996.

CB

Jan 71

Adaptational Changes in the Cerebellum and Spinal
Cord Motor Structures Under Different Hypoxia
Regimes, by O. G. Gazenko.

RUSSIAN, par, Dok Ak Nauk SSSR, Biol Sci,
Vol. 179, No 4, Apr 1968, pp 997-1000.
CB

Jan 71

The Activity Dynamics and Physiologic Role of
Acetylcholinesterase and Aliphatic and
Aromatic Esterases in the Ontogenesis of the
Bloodsucking Mosquitos of the Genus Aedes
(Diptera: Culicidae), by V. S. Odintsov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 4, Apr 1968, pp 1001-1004.
CB

Jan 71

Dynamics of Morphogenetic Movements During
Gastrulation in Axolotl Embryos, by
G. M. Ignat'eva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 4, Apr 1968, pp 1005-1008.
CB

Jan 71

An Application of Newton's Diagram to the
Problem of the Stability of Periodic
Solutions, by P. G. Aisengendler.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1015-1018.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,516

Approximate Solution of Certain Infinite
Systems of Equations, by M. Alekaidze.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1019-1022.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,517

Absolute Convergence of Fourier Series of
Almost Periodic Functions, by E. A. Bredihina.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1023-1026.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,518

Mutual Restrictions of Curvature and Area For
Surfaces Lying in a Compact Part of Space,
by Ju. D. Burago.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,

Vol 179, No 5, 1968, pp 1027-1048.

The American Mathematical Society

Vol 9, No 2, 1968

Sci/Math
Oct 68

363,519

On Similar Operators, by G. M. Vainikko.
RUSSIAN, par, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1029-1031.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,520

Directional Differentiation of the Maximin
Function, by V. F. Dem'janov.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1032-1033.
The American Mathematical Society
Vol 9, No 9, 1968

Sci/Math
Oct 68

363,521

An Operational Method of Solving Mixed Problems
For Parabolic Linear Differential Equations With
Discontinuous Coefficients, by O. A. Dysin.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1034-1037.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,522

Approximation of Periodic Functions by
Linear Methods, by V. V. Zuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1038-1041.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,523

A Class of Extremal Quasiconformal Mappings,
by S. L. Kruskal.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,

Vol 179, No 5, 1968, pp 1042-1045.

The American Mathematical Society

Vol 9, No 2, 1968

Sci/Math
Oct 68

363,524

Inverse Theorems of Approximation on Closed
Sets of the Complex Plane, by N. A. Lebedev,
P. M. Tamrazov.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1046-1049.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,525

Distribution Over Residue Classes $\pmod{4k}$ 1 and
 $\pmod{4k}$ 3 of the Number h of Ideal Classes of
Real Quadratic Fields $K(\sqrt{p})$ With Prime
Discriminant $p \equiv 1 \pmod{4}$, by V. G. Lemaire.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1050-1053.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,526

Convergence of the Process of Steepest
Descent, by Ju. I. Ljubic.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1054-1056.

The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,527

Singular Integral Equations in a Cone, by
B. A. Plamenevskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,

Vol 179, No 5, 1968, pp 1057-1059.

The American Mathematical Society

Vol 9, No 2, 1968

Sci/Math
Oct 68

363,528

On Extremal Quasiconformal Mappings With
Bounded Characteristics, by V. O. Seretov.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1060-1063.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,529

A Contribution to the Theory of Orlicz
Spaces, by I. V. Sragin.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 5, 1968, pp 1064-1076.

The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,530

Extension of the Region of Applicability of
Special Algorithms of Linear Programming, by
H. A. Jalcovleva.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,

Vol 179, No 5, 1968, pp 1067-1069.

The American Mathematical Society

Vol 9, No 2, 1968

Sci/Math
Oct 68

363,531

The Rotation and Orientation of Cosmic Dust
Grains, by A. Z. Dolginov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1070-1073.

The Am Inst Phys
Vol 13, No 4, Oct 1968

P 910172068-V

ST-ID-10718

Sci/Astron
Nov 68

370,216

Two Modifications of the Magnetic Arrangement
of a Charged Particle Analyzer, by
Yu. G. Basargin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1074-1075.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,230

Adhesion of Metals Tending to Brittle Fracture
Under Combined Plastic Deformation Without
Heating, by S. B. Ainbinder, E. F. Dubrovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1076-1078.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,235

Effects of the Loading Sequence and Scale
Factor on Estimates of the Strength of Brittle
Solids Under Complex Compressive and Tensile
Loading, by A. I. Markov, N. V. Mikhailov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1079-1082.
The Am Inst Phys
Vol 13, No 4, Oct 1968

CIA X-6661

Sci/Phys
Nov 68

770,236

Thermal Effects of Ageing of Deformed Martensite
and of Martensite Obtained From Cold-Worked
Austenite, by B. M. Mogutnov, V. M. Polovov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1083-1086.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,237

Measurement of the Lunar Surface Density by
the Automatic Station "Luna-13", by
A. A. Morozov, M. I. Smorodinov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1087-1090.

The Am Inst Phys
Vol 13, No 4, Oct 1968

P9155068-V

Sci Tech Info Facility

ST-INS-LPS-10714

Sci/Phys
Nov 68

370,238

Geothermal Properties of Part of the Yenisei
Sector of the Arctic, by V. F. Derpgol'ts
Russia, per, Dok AK Naul SSSR, Vol, 179, No 5,
1968, pp. 1091-1093.
AGI

Jan 69

373-321

Full Flow Method of Shtokman, Sverdrup and Mank,
by A. I. Fel'zenbaum.
RUSSIA, per, Dok Ak Naul SSSR, Vol 179, No. 5,
1968, pp.1094-1097.
AGI

Jan 69

373-322

Measurements of the Enthalpy of Formation of
Barium Hydride, by A. F. Vorob'ev,
A. S. Morzenkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1129-1132.
CB

Dec 68

371,195

The Occurrence of Disperse Microheterogeneous
Systems in the Synthesis of Three-Dimensional
Polymers, by T. A. Vorob'eva, A. A. Ryabova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968. pp 1133-1136.
CS

Dec 68

371,196

Application of the Method of Molecular Orbitals
in the Hückel Approximation to the Study of the
Lactin-lactam Tautomeric Equilibrium, by

V. P. Zvolinskii, M. E. Perel'son.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1137-1140.

CB

Dec 68

371,197

Electrochemical Reduction of Esters of Aromatic
Carboxylic Acids and the EPR Spectra of the
Resulting Anion-Radicals, by A. V. Il'yasov,
Yu. M. Kargin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1111-1114.
CB

Dec 68

371,198

Development of Molecular Condensation Nuclei
and Conditions For Its Observation, by
Ya. I. Kogan, L. E. Donetskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1145-1148.
CB

Dec 68

371,199

Kinetics of Hydrogen Atom Recombination on
Variously Oriented Surfaces of a Silicon
Single Crystal, by V. A. Lavrenko, V. I. Tikhush.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1149-1151.
CB

Dec 68

371,200

Change in the Selectivity of Neodymium Oxide
on Irradiation With Neutrons in the Decomposi-
tion of Isopropanol, by Vikt. I. Spitsyn,
O. N. Pirogova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1152-1154.
CB

Dec 68

371,201

Specific Polymer-Solvent Interaction During
Crystallization and Establishment of a
Supramolecular Ordering, by A. Ya. Frenkel',
V. G. Barenov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1968, pp 1155-1158.
CB

Dec 68

371,202

Activity of Carbon in Liquid Iron, by
L. A. Shvartsman, I. A. Tomilin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 5, 1960, pp 1159-1162.
CB

Dec 68

371,203

Some Compositional Features of Upper Precambrian
Red Beds, by A. I. Anatol'yeva.

RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, ppl163-1166

AGI

Jan '69

373-345

Pollen From Old Angiosperms in Tertiary Deposits
in Some Far Eastern Districts, By V. N. Barbashinova
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp 1167-1170.
AG1

Jan 69

373-346

Epigenetic Zoning of the Mesozoic Terrigenous
Complex of the Bureya Trough (Far East), by
M. Ye. Kaplan.
RUSSIA, PER, Dok Ak Nauk SSSR, Vol 179, No. 5,
1968, pp, 1171-1174.
AGI

Jan 69

373-347

Relationship Between Mercury Mineralization and
Occurrences of Oil and Gas in the Anadyr'-Koryak
Region, by Ye. P. Kim, Ya. G. Moskvina.
RUSSIA, per, Dokl. Ak. Nauk SSSR, Vol 179, No 5,
1968, pp 1175-1177.
AGI

Jan 69

373-348

The Crimea and the Black Sea Median Mass , by
S. A. Kovalevskiy.

RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp 1178-1181.

AGI

Jan 69

373-249

Analysis of Neotectonic Movements by Studying
Slope Forms (in Southeastern Yakutia) , by
V. V. Skotareno.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No. 5,
1968, pp. 1189-1192.
AGI

Jan 69

373-352

Pollen and Spores From Black Sea Floor Deposits,
by I. I. Shatilova .
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp. 1196-1199.
AGI

Jan 69

373-354

More Information on Recent Crustal Movements on the
Apsheron Peninsula, by D. A. Liliyenberg,
I. N. Meshcherskiy.
RUSSIA, Per. Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp 1182-1185.
AGI

Jan 69

373-350

Pressure During the Genesis of the Zhireken
Copper-Molybdenum Deposit (Eastern Transbaikal),
by A. I. Pizur.
Russia , per, Dok Ak Nauk SSSR, Vol 179, No. 5,
1968, pp.1185-1188.
AGI

Jan 69

373-351

Distribution of Kimberlite and Basalt (Dolerite)
Pipes on the Siberian Platform as a Function of
Crustal Structure, by L. G. Stral'kov.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp. 1193-1195.
AGI

Jan 69

373-353

A Pyrop-Sapphirine Rock From the Anaber Massif and
its Conditions of Metamorphism, by B. G. Lutts,
L. N. Kopaneva .

RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp. 1200-1202.

AGI

Jan 69

373-378

Microbiologic Nature of a Methane Pool Detected at
Considerable Depth (Based on Isotopic Analysis),
by V. P. Avrov , E. M. Galimov.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No. 5,
1968, pp. 1203-1205.
AGI

Jan 69

373-394

Titanium-Chromium Ratio, a Further Geochemical
Criterion for the Detection of Noril'Sk-Type Trap
Intrusions, by A. I. Al'Mukhamedov,
N. P. Smirnova.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp. 1206-1209.
AGI

Jan 69

~~373-846~~
373-405

Ethane Capacity of Coal , by R. M. Krivitskaya,
T. V. Strukovskaya,
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 5,
1968, pp. 1210-1212.
AGI

Jan 69

373-395

Results of a Study of Mercury Vapor in the Tashkent
Earthquake Zone, by V. E. Fursov N. B. Vol'fson.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No5 ,
1968, pp. 1213-1215.
AGI

Jan 69

373-396

Gymnophyllum (Rugosa) Found for the First Time in
the USSR, by A. V. Ivanovskiy.
RUSSIA, per , Dok Ak Nauk SSSR, Vol 179, No 5 ,
1968, pp. 1216-1217.
AGI

Jan 69

~~373-343-~~
373-404

Somatodendritic Synapses in Midbrain of Frog,
by L. N. D'Yachkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 5, Apr 1968, pp 1219-1220.
CB

Jan 71

Long-Lived Potential Changes in Chromosomes, by
N. P. Dubinin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.
Vol 179, No 5, Apr 1968, pp 1221-1224.

CB

Jan 71

~~Some Aspects of Carbohydrate-Phosphorus Metabolism~~
of the Brain and Blood During Hibernation and
Awakening from It, by S. P. L'vova.
RUSSIAN, par, Dok Ak Nauk SSSR, Biol Sci.
Vol 179, No 5, Apr 1968, pp 1225-1226.
CB

Jan 71

Effect of Temperature on Amylase Activity in
Northern Amphibians, by S. S. Shvarts.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol. 179, No 5, Apr 1968, pp 1227-1228.
CB

Jan 71

A New Species of Green Sulfur Bacteria, by
V. M. Gorlenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol. 179, No 5, Apr 1968, pp 1229-1231.

CB

Jan 71

Effect of Iodacyl Sulfate on the Structure and
Catalytic Properties of Chymotrypsinogen, by
L. P. Vab'kova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 179,
No 5, Apr 1968, pp 1232-1235.
CB

Nov 70

~~Some Properties of Valine-Isoleucine and Valine-~~
Glutamate Aminotransferases of PEA Seedlings,
by Z. S. Kagan.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 179,
No 5 Apr 1968, pp 1236-1239.
CB

Nov 70

Sensitizing Activity of Protoporphyrin in
Protein Carbohydrate Coacervates, by
A. I. Oparin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 179,
No 5, Apr 1968, pp 1240-1242.

CB

Nov 70

High Molecular Weight Iron-Containing
Protein and Ferredoxin During Cobalt
Chlorosis in Plants, by Ya. V. Peive
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 179, No 5, Apr 1968, pp 1243-1245.
CB

Nov 70

Effect of Thyroid Hormones When Injected Into
the Posterior Hypothalamus on the Total
Electrical Activity of the Cerebral Cortex,
by M. G. Amiragova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 179, No 5, Apr 1968, pp 1246-1248.

CB

Jan 71

Lebesgue Subspaces of the Space of Trajectories
of a Random Process, by V. G. Vinokurov,
B. Mal'kov.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1255-1256.

The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,532

The Application of Difference Methods to the
Solution of Nonlinear Elliptic Equations,
by N. N. Chudovic.

RUSSTAN, per, Dok Ak Nauk SSSR, Math.,

Vol 179, No 6, 1968, pp 1257-1260.

The American Mathematical Society

Vol 9, No 2, 1968

Sci/Math
Oct 68

363,533

Properties of Temljakov-Bavrin Integrals,
by V. A. Guseakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1261-1263.

The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,534

Diffusion of Tensors, by E. B. Dynkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1264-1267.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,535

Strongly Asymmetric Sequences Generated by
A Finite Number of Symbols, by A. A. Evdokimov.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1268-1271.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,536

Harnack's Inequality for Second-Order Elliptic
Equations of Cordes Type, by E. H. Landis.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1272-1275.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,537

Commutative Symmetric Banach Algebras of
Operators in the Pontrjagin Space II_1 ,
by A. I. Loginov.

RUSSIAN, per, Dok Ak Nauk SSSR, Math.,

Vol 179, No 6, 1968, pp 1276-1278.

The American Mathematical Society

Vol 9, No 2, 1968

Sci/Math
Oct 68

363,538

A Generalized Symmetric Gamma Correlation,
by I. O. Sarmanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1279-1281.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,539

Estimate of a Solution of the First Boundary
Problem For Parabolic Equations of Second
Order, by Ju. N. Ceresnyh.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1282-1285.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,540

Some Results in the Theory of Infinitely
Long Expressions, by G. V. Gidnovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1286-1288.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,541

Completely Irreducible Representations of
 $SU(2, 1)$, by A. I. Stern.
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,
Vol 179, No 6, 1968, pp 1289-1292.
The American Mathematical Society
Vol 9, No 2, 1968

Sci/Math
Oct 68

363,542

Mathematical Experiment for the Calculation
of Transport Coefficients, by V. I. Vlasov,
S. L. Gorelov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179, No 6,
1968, pp 1293-1296.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Aeron
Nov 68

370,215

Periodic Solution of the Diffusion Equation
with Nonlinear Boundary Condition, by

N. N. Kochina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1297-1300.

The Am Inst Phys

Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,224

Urbach Rule for Localized Excitations in
Crystals, by A. S. Davydov, A. P. Lubchenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1301-1303.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,231

Transverse Mode Selection in a Laser with
Convex Mirrors, by Yu. A. Anan'ev,
N. A. Sventsitskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1304-1305.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,239

Spheroidization of Hypereutectoid Cementite
in White Cast Iron, by A. A. Baranov,
K. P. Bunin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1306-1308.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,240

Study of Structural Imperfections in Metals
by Means of High-Resolution Autoradiography,
by S. Z. Hokshtein, S. S. Ginsburg.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1309-1310.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,241

Thermal Expansion and Structural Anomalies
of Small Iron Particles, by M. Ya. Gen,
Yu. I. Petrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1311-1313.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,242

The Transport of Crystallites and its Effect
in Refining the Structure of Aluminum Subjected
to Low-Frequency Vibration, by D. L. Leichkis,
N. V. Mikhailov.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol 179,

No 6, 1968, pp 1314-1317.

The Am Inst Phys

Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,243

Juvenile Surfaces: Their Production and
Properties, by G. P. Upit.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1318-1321.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,244

Boundary Value Problem for a System of Equations for
a Barotropic Atmosphere, by L. V. Troshnikov.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 6 ,
1968, pp. 1322-1325.
AGI

Jan 69

373-323

On the Crystallization of Cubic Boron Nitride
and Synthetic Diamond, by G. N. Bezrukov,
V. P. Butuzov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179, No 6,
1968, pp 1326-1328.

The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,219

The New (Si_3O_10) Radical in the Structure of
 $\text{Na}_4\text{Cd}_2(\text{Si}_3\text{O}_{10})$, by M. A. Simonov,
Yu. N. Egorov-Tismenko.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol 179, No 6,
1968, pp 1329-1332.
The Am Inst Phys
Vol 13, No 4, Oct 1968

Sci/Phys
Nov 68

370,220

New Means of Obtaining Bimetalloorganic Compounds
with Bonds of Germanium-A Transition Metal,
by Ye. N. Gladyshev, 6 pp.
RUSSIAN, Izv. Doklady Akademii Nauk, SSSR, No 179,
No 6, 1968, pp 1333-1335.
ADA/RSC-1r-023-69

Sci/Chem
July 69

384,627

Organoboron Compounds. On the Mechanism of
Aalkylation of Boron Trialkyls, by
B. M. Mikhailov, 7 pp.
RUSSIAN, per, Doklady Akad Nauk, SSSR, 179, 1968,
pp 1344-1347.
ARB/RSIC-Tr-930-69

Sci/Chem
Jul 68

386,660

New Possible Mechanism of Unsteady Flow of
Molten Polymers, by G. V. Vinogradov,
A. Ya. Malkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 79,
No 6, 1968, pp 1366-1369.

GB

Dec 68

371,204

Activation Energy of Formation of the CH , C_2
and CH Excited Radicals in an Acetylene-
Air Flame, by L. N. Glushko, V. I. Tverdokhlebov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1370-1372.
CB

Dec 68

371,205